

AS-BUILT PLANS 12/12/12

10/31/2006 1:05:41 PM \\GDOT-DSW\GDPLOT\0CE\go.tiff_output.acf.gowans.W\GARY\revised 1-22\122b.drf 60-B05

STATE
GA.

PROJECT NUMBER

SHEET NO.

TOTAL SHEETS

BRIDGE DELINEATION DETAILS

TYPE 1 - NORMAL BRIDGE

BRIDGES THAT ARE 4 FEET OR MORE WIDER THAN THE APPROACH PAVEMENT, EACH SIDE

SUMMARY OF MATERIALS

DESCRIPTION	UNIT	QUAN.
TWO WAY OPERATION		
DELINEATORS, TYPE 2, WHITE	EACH	12
ONE WAY OPERATION		
DELINEATORS, TYPE 1, WHITE	EACH	3
DELINEATORS, TYPE 1, YELLOW	EACH	3

GENERAL NOTES

1. PLACE DELINEATORS IN A STRAIGHT LINE FLARE WITH THE FIRST ONE OFFSET AS SHOWN.
2. THE INSIDE EDGE OF THE DELINEATOR NEAREST THE BRIDGE SHALL BE IN LINE WITH THE INNER EDGE OF RAIL OR ABUTMENT OR FACE OF BRIDGE CURB (IF PRESENT).
3. ALL DELINEATORS SHALL CONFORM TO GEORGIA STANDARD 9030-C AND SECT 3-D OF THE M.U.T.C.D.
4. TREATMENT SHOWN IS MINIMAL, ADDITIONAL DELINEATION MAY BE ADDED AT THE ENGINEER'S DESCRETION.

TYPE 2 - INTERMEDIATE BRIDGE

2 OR MORE LANE OPERATION - WIDTH GREATER THAN ROADWAY WIDTH, BUT LESS THAN 4' IN EXCESS OF APPROACH PAVEMENT WIDTH, EACH SIDE

SUMMARY OF MATERIALS

DESCRIPTION	UNIT	QUAN.	QUAN. TWO WAY
OBJECT MARKERS, TYPE IX SIGN MATERIAL 12" x 36" (BLACK ON YELLOW)	SO FT	216.00	412.00
GALVANIZED STEEL POSTS, TYPE 1 12 LIN FT EACH (2")	LIN FT	2124	4148
OBJECT MARKER, TYPE 2 YELLOW (MOUNT ON OBJECT MARKER POSTS)	EACH	4	8
SOLID TRAFFIC STRIPE, 4" WHITE (EDGE LINE)	LIN FT	1100	2200
SOLID TRAFFIC STRIPE, 4" YELLOW (EDGE LINE)	LIN FT	1100	

GENERAL NOTES

1. ON BRIDGES WITH ONE WAY OPERATION, BRIDGE APPROACH DELINEATION (INCL. SIGNS AND MARKINGS) SHALL BE INSTALLED ON THE APPROACH END ONLY.
2. THE INSIDE EDGE OF THE OBJECT MARKER NEAREST THE BRIDGE SHALL BE IN LINE WITH THE INNER EDGE OF THE ABUTMENT OR RAIL, OR FACE OF BRIDGE CURB IF PRESENT.
3. OBJECT MARKERS SHALL BE PLACED IN A STRAIGHT LINE FLARE WITH THE FIRST UNIT OFFSET AS SHOWN.
4. ALL OBJECT MARKERS SHALL CONFORM TO GEORGIA STANDARD 9030-C AND SECT 3-D.02 OF THE M.U.T.C.D.
5. REFLECTIVE SHEETING FOR OBJECT MARKERS SHALL BE TYPE IX, LEVEL A.
6. TREATMENT SHOWN IS MINIMAL. ADDITIONAL DELINEATION MAY BE ADDED AT THE ENGINEER'S DISCRETION, N.E.P.

DETAIL - OBJECT MARKER

(NO SCALE)

TYPE 3 - NARROW BRIDGE

(A) 2 LANE OPERATION - BETWEEN 18' AND 24' WIDE (B) 3 OR MORE LANE OPERATION EQUAL TO OR LESS THAN APPROACH PAVEMENT WIDTH

SUMMARY OF MATERIALS

DESCRIPTION	UNIT	QUAN. ONEWAY	QUAN. TWOWAY
OBJECT MARKERS, TYPE 3, TYPE IX SIGN MATERIAL, OM-3L, OM-3R BLACK ON YELLOW	SO. FT.	41200	8124
GALVANIZED STEEL POSTS, TYPE 1, 12 LIN FT EACH FOR OBJECT MARKERS	LIN.FT.	4148	8196
OBJECT MARKER, TYPE 2, (YELLOW)	EACH	8	16
W5-2(36) SIGNS, TYPE II SIGN MATL.	SO. FT.	218100	4136
W13-1(24)(45) SIGNS, TYPE III SIGN MATL. - MOUNT W/W5-2	SO. FT.	218100	4136
GALV. STEEL POSTS, TYPE I, PB, (4") 16 LIN FT EA FOR W5-2	LIN.FT.	2164	4128
R4-1(24) SIGNS, TYPE I SIGN MATL.	SO. FT.	210100	
GALV. STEEL POSTS, TYPE III(12") 13 LIN FT EA FOR R4-1	LIN.FT.		2126
W14-3(48) SIGNS, TYPE III SIGN MATL.	SO. FT.		211
GALV. STEEL POSTS, TYPE 2 (3") 12 LIN FT EA FOR W14-3	LIN.FT.		2124
RAISED PAVEMENT MARKERS TYPE I FOR CENTERLINES SPACING 40'-0"	EACH	CLEAR 18	YELLOW 36
4" SOLID TRAF. STRIPE FOR EDGE LINES	LIN.FT.	100 WHITE 100 YELLOW	1400
4" SOLID YELLOW - PASSING LINES	LIN.FT.		
4" SKIP WHITE - CENTERLINE (ONEWAY)	GR LIN.FT.	700	

GENERAL NOTES

1. ON BRIDGES WITH ONE WAY OPERATION, BRIDGE APPROACH SIGNS AND MARKINGS SHALL BE INSTALLED ON THE APPROACH END OF THE BRIDGE ONLY. SIGNS AND MARKINGS FOR NO PASSING ZONES ARE NOT REQUIRED. LEFT EDGE LINES AND RAISED PAVEMENT MARKERS SHALL BE YELLOW. RIGHT EDGE LINES AND PAVEMENT MARKERS SHALL BE WHITE. LANE LINE SHALL BE SKIP WHITE.
2. PAVEMENT MARKERS FOR THE CENTERLINE/LANELINE SHALL BE RAISED IN APPLICABLE AREA IN ACCORDANCE WITH DEPARTMENT POLICY.
3. THE INSIDE EDGE OF THE OBJECT MARKER NEAREST THE BRIDGE SHALL BE IN LINE WITH THE INNER EDGE OF THE ABUTMENT OR RAIL, OR FACE OF BRIDGE CURB IF PRESENT.
4. PLACE OBJECT MARKER AND DELINEATORS IN A STRAIGHT LINE FLARE WITH THE FIRST ONE OFFSET AS SHOWN.
5. ALL REFLECTIVE SHEETING SHALL BE TYPE IX.
6. ALL OBJECT MARKERS SHALL CONFORM TO GA STD. 9030-C AND SECT IIII OF THE M.U.T.C.D. ALL OBJECT MARKERS SHALL CONFORM TO SECT. IIII-C OF THE M.U.T.C.D.
7. TREATMENT SHOWN IS MINIMAL. ADDITIONAL TREATMENT MAY BE ADDED AT THE ENGINEER'S DISCRETION.

DETAIL - OBJECT MARKER

(NO SCALE)

TYPE 4 - ONE LANE BRIDGE

(A) BRIDGES LESS THAN 18' IN WIDTH. (B) 18' WIDE WITH POOR APPROACH ALIGNMENT OR SUBSTANTIAL TRUCK VOLUME.

SUMMARY OF MATERIALS

DESCRIPTION	UNIT	QUAN.
OBJECT MARKERS, TYPE 3, TYPE IX SIGN MATL. 8 EACH OM-3R, OM-3L	SO FT	16148.00
GALV. STEEL POSTS, TYPE 1, 12" (2") FOR OBJECT MARKERS	LIN FT	16192
OBJECT MARKER, TYPE 2 YELLOW MOUNTED ON OBJECT MARKER POST	EACH	16
OBJECT MARKER, TYPE 2 YELLOW INCL. POSTS	EACH	28
W5-3(36) SIGNS, TYPE IX SIGN MATL.	SO FT	8172.00
W13-1(24)(45) SIGNS, TYPE IX SIGN MATL. MOUNTED WITH W5-3	SO FT	4116.00
W13-1(24)(45) SIGNS, TYPE IX SIGN MATL. MOUNTED WITH W5-3	SO FT	4116.00
GALV. STEEL POSTS, TYPE I, (PB-4") 16' L FOR W5-3 SIGNS	LIN FT	81256
SOLID TRAFFIC STRIPE-4" WHITE FOR EDGE LINE	LIN FT	2200
SOLID TRAFFIC STRIPE-4" YELLOW FOR APPROACH CENTERLINE 1000 MM EA END	LIN FT	4000
RAISED/RECESSED MARKERS, TYPE 1 YELLOW FOR CENTERLINE - 40'-0" SPACING	EACH	100

GENERAL NOTES

1. OBJECT MARKER NEAREST THE BRIDGE SHALL BE IN LINE WITH THE INNER EDGE OF THE ABUTMENT OR RAIL, OR THE FACE OF BRIDGE CURB IF PRESENT. OBJECT MARKERS AND DELINEATORS SHALL FOLLOW THE TAPER OF THE ROADWAY TO FULL WIDTH OF ROADWAY THEN PARALLEL FOR DISTANCE SHOWN.
2. PAVEMENT MARKERS USED ON NO PASSING LANES APPROACHING THE BRIDGE SHALL BE ON 40'-0" SPACING AND SHALL BE RAISED WHERE APPLICABLE.
3. 4 IN SOLID YELLOW NO PASSING LINES SHALL BE INSTALLED FOR AT LEAST 1000' IN ADVANCE OF THE BRIDGE.
4. REFLECTIVE SHEETING TYPE IX, LEVEL A SHALL BE USED FOR ALL SIGNS AND OBJECT MARKERS.
5. ALL DELINEATORS SHALL CONFORM TO GA STD. 9030-C AND SECT. 3D.02 OF THE M.U.T.C.D. OBJECT MARKERS SHALL CONFORM TO SECT. 3C.01 OF THE M.U.T.C.D.
6. DELINEATION SHOWN IS MINIMAL. ADDITIONAL DELINEATION MAY BE ADDED AT THE ENGINEER'S DISCRETION.
7. IN THE EVENT THE ROADWAY IS A ONE WAY OPERATION, CONTACT THE DISTRICT TRAFFIC AND SAFETY ENGINEER FOR DELINEATION DETAILS.

DETAIL - OBJECT MARKER

(NO SCALE)

DATE

REVISIONS

9-7-06

ADDED TITLE BLOCK AND REV. REFLECTIVE SHEET.

GEORGIA DEPARTMENT OF TRANSPORTATION

OFFICE OF TRAFFIC SAFETY & DESIGN

DETAILS FOR BRIDGE DELINEATION ON DIVIDED HIGHWAYS TWO WAY OPERATION

NO SCALE

REV 5/23/05

PC807B

10/31/2006 1:05:41 PM \\GDOT-DSW\GDPLOT\0CE\go.tiff_output.acf.gowans.W\GARY\revised 1-22\122b.drf

T-22B

3/11/2007

GPLM

THE LPA GROUP

TRANSPORTATION CONSULTANTS

3595 ENGINEERING DRIVE
NORCROSS, GEORGIA 30092
(770) 283-9118

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

OFFICE: INNOVATIVE PROGRAM DELIVERY

CONSTRUCTION DETAILS

DRAWING No.

40-037